

4-H NEWS

Talent Chicks Poultry Club
The second meeting of the Talent Chicks 4-H Poultry club Dec. 5 was called to order by the vice president, Kathy Zapell. There was a test on the parts of a chicken and on the four main chicken breeds.

At the next meeting we will study more about the different breeds and fill in the program in the secretary's book. The next meeting will be held on Jan. 7, from 2 to 4 p.m. at Miss Tiegs' home.

Linda Mullin, Reporter

Talent Can Cannery

At the meeting of the Talent Can Cannery 4-H club Dec. 8, we elected officers. They are Judy Bagley, president; Paullette Creel, vice president; Judi Denison, secretary; and Linda Mullin, reporter.

Mrs. Bagley, our leader, handed out the necessary material to start the next year in 4-H work.

There was a lengthy discussion about demonstrations at the county and state fairs.

The next meeting will be held at Mrs. Bagley's home on Jan. 4.

Linda Mullin, Reporter

Daffy Dills

The second meeting of the Daffy Dills 4-H club was held at the home of Mrs. C. W. Ahnorn on Dec. 5. We made corsages out of holly for our mothers and the ladies at McCue's home.

We discussed the goals for the coming year. The meeting was adjourned by the president, Judy Frink. Refreshments were served by Miki Hays.

The Daffy Dills' Christmas party was held at the home of Elaine Young Dec. 19. We played a few games and sang carols. Mrs. Young served Christmas pudding, after which we had a card exchange and received favors from Elaine.

James Ahnorn, Reporter

Knitted Kittens

Last week's meeting was called to order by the president, Shirley Roach. Cheryl led the club in the flag salute. The roll was called and the minutes read and approved.

Mrs. Frink showed the club last year's secretary's book, which was awarded a gold seal. Collen Franek told us what we were to do for a Christmas project. The club is going to take cookies to the Michall's Sanatorium.

Carol Foote gave a demonstration on seam making. The meeting was then adjourned. Refreshments were served by Martha Bullard.

Salem Students Draw Suspension

Salem — North Salem high school authorities have announced the suspension of 14 students, most of them senior boys, for participation in a so-called costume gangster birthday affair.

The boys showed up at school last Friday with hats pulled over their eyes, some wearing big overcoats and carrying violin cases.

Some of the youths said they were celebrating "Al Capone's birthday."

School officials said the suspension in most cases will last only through the holidays.

Agreement on Columbia Principles Major Forward Step for Libby Dam

(Editor's note: This is the second of two articles on the implications of the agreement reached last week on principles for developing the upper Columbia river.)

By A. ROBERT SMITH
Mail Tribune Washington Correspondent

Washington — Focal point of the Columbia river dispute with Canada has for many years been the proposed Libby dam near the international border in western Montana on the Kootenai river — a power and flood control dam the U.S. was unable to build without Canadian consent because its reservoir crossed the border.

The agreement on principles reached last week is the first major step forward on Libby in a decade, since Congress in 1950 authorized its construction by the Corps of Engineers.

The importance of the agreement must be measured, however, more in terms of the general expectation that Canada will build Mica Creek dam, which would probably be the most valuable single project in the entire Columbia watershed.

Flows Through Canyon

Mica Creek dam would be in British Columbia 200 miles north of the border where the Columbia makes its big bend and starts rushing southward toward the United States and the sea. Just south of the big bend the river flows through a wide, wooded canyon where the Canadians could build the world's highest dam 740-feet high. Its 73-mile-long reservoir would provide usable storage capacity of 11,685,000 acre-feet, or over twice the

capacity of Grand Coulee, our largest present storage dam. Installed generating capacity at Mica Creek would be from 1,160,000 to 1,624,000 KW.

What makes this a magnificent project from a U.S. viewpoint is the vast quantity of water, stored during high water season, that would be released to increase the power production of downstream American hydroelectric plants. The effect would be electrifying, literally.

If Mica Creek dam and a series of small projects were

Grange News...

Central Point Grange

The Central Point Grange met Friday. A few members and two guests, Mr. and Mrs. Dee Hendrickson, of Phoenix Grange, attended.

During the business session, members voted to dispense with the next meeting which would fall on New Year's day.

The Christmas program was not given due to the absence of the lecturer and several members. However, food, a candy treat for the children, and Christmas decorations had been prepared.

Mrs. Lottie Cingcade was accepted by demit from Eagle Point Grange. The serving committee for the evening included Mrs. O. T. Wilson, and Mrs. Charles Jantzer, the HEC chairman and past chairman. Jan. 2 Grangers and friends will meet at the Grange hall for an evening of square dancing. Mr. and Mrs. Charles Morehouse are chairmen for the party. Ladies are asked to bring either sandwiches or cookies.

built on the Canadian stretch of the upper Columbia, under the principles of agreement reached last week they would be operated in such a fashion as to allow power production to be increased at all dams from Grand Coulee to Bonneville downstream. The increment at Grand Coulee alone would be about 900,000 KW, roughly a 50 per cent increase in this greatest of all U.S. hydro power plants. This would be achieved by construction of a third powerhouse at Grand Coulee to house six additional turbine-generators, boosting the dam's installed capacity from 1,974,000 to 2,880,000 KW.

To Increase Capacity

Additional generators would be required at Chief Joseph dam to boost its capacity by 256,000 KW and at Bonneville dam to increase its capacity by 108,000 KW. Additional generators would probably not be needed at McNary dam, and the newer dams now under construction would probably be equipped at the outset to increase their initial capacity.

This greater power production that is now envisioned

would result from the improved control of the mighty Columbia river to make its flow more uniform the year around. During the spring, when mountain snows melt and raise the normal flow of the river, the big new storage dams would collect it and reduce the amount of water that now is wasted seasonally when it spills over the tops of dams at high water season. The stored water would later be released during low water periods, raising the normal flow of the river in order to produce more power for longer periods of the year.

In its engineering studies, the International Joint Commission computed the effect of building these upstream storage dams in terms of average power output at all U.S. dams. It reported that the U.S. presently has an output of 6,343,000 KW — using a critical water year as a base — and the increment expected from building these new upstream storage dams and downstream powerhouses would more than double this output, making it nearly 13 million KW.

20-Year Period

If a better-than-critical water year is used as a base, the value of this storage is less, of course. Using a 20-year period for an average, the IJC reported the present power output of U.S. dams is 8,258,000 KW, and the expected increment would be about 5,500,000 KW.

On the other side of the border, Canada's direct gain

from its new dam would not be as great as the American gain. Canada's existing dams now produce 437,000 KW in an average water year. The increased power from the new dams would be about 2.5 million KW, or less than half the gain expected on the American side.

Approval Held Up

Consequently, Canada held up approval of Libby dam until she could obtain an agreement from the United States by which she might share in the power benefits that will be realized in U.S. powerplants because of Mica Creek and other Canadian dams.

The United States has now agreed that this is only fair, that roughly half the new power benefits realized in American plants will be transmitted back into Canada for industrial and residential growth of British Columbia. The other half will remain in the Bonneville system to benefit the Pacific Northwest.

The overall result of this cooperative development is expected to be a doubling of the power production in the

Negligent Homicide Charged in Death

McMinnville — The Yamhill county district attorney has filed a negligent homicide charge against Jackie Leroy Hopkins, 30, Salem. The charge involves a traffic accident last Saturday in which Marion Arthur Lynch, McMinnville, was killed.

entire Columbia basin, from roughly 8 to 16 million kilowatts.

In terms of flood protection, the agreement with Canada could lead to a solution of one of the most vexing problems in Northwest river development. The main control plan of the Army Engineers calls for 27 million acre-feet of storage to bring the Columbia under control, but controversies at Hells Canyon, Glacier View and Paradise over planned high storage dams have sharply reduced the number of places on the U.S. side where this storage goal can possibly be achieved.

Greatly Reduced Costs

Canadian storage dams not only make the flood control goal attainable but at greatly reduced cost to the United States. One American estimate is that if the U.S. built enough dams on our side to attain the flood control goal, the cost would be about \$1.6 billion. Canada can give us more storage, topping the goal, at a cost to Canada for dams of about \$600 million. The U.S. will make cash payments for flood control benefits amounting to \$100 million, by U.S. estimates, or at most \$150 million, by Canadian estimates, over a 50-year period.

Detailed arrangements have yet to be made by diplomatic negotiators to implement the principles laid down by the IJC, but the principles point to a new era of cooperation and mutual gain for the two

friendly neighboring countries which share the rich resources of the mighty Columbia river.

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Decision Coming On Wrecking Yard

The county court should have a decision on an application for a wrecking yard on the Crater Lake highway before the first of the year, County Judge Earl Miller said Monday.

The Baker brothers of Central Point are applying for a permit to operate a wrecking yard on the west side of the highway between Four Corners and the Desert Service station.

Seventy-one people of that area had signed a petition opposing the permit sought by Wiley H. Baker, Nelson Baker, and Lewis Baker. It would depreciate their property values, residents claimed at a public hearing in the courtroom.

Miller said County Sanitarian Orie Moore drilled test holes on the proposed wrecking yard site. He found it was unsuitable for a septic tank installation. County Judge Miller said he interpreted that as meaning that FHA loans could not be obtained for constructing houses on that land.

The Jackson county planning commission said establishment of a wrecking yard in that area "does not interfere with the tentative county zoning plan."

Parachute Revives Air Crash Interest

Coos Bay — A parachute found in the top of a giant Douglas fir tree 45 miles east of here has renewed interest in a 1945 plane crash.

Twelve men were aboard a C-46 transport which crashed 14 years ago in rugged country while en route from Sedalia, Mo., to McChord Field near Tacoma, Wash. The pilot and co-pilot were killed and nine men were rescued.

The 12th man, Sgt. Robert T. W. Neal, was presumed to have died but no trace of him has been found.

One out of every five adult Americans earns a living in the food industries, and one of every four plants is used for food processing.



VELOCITY RECORDS BROKEN—Velocity records for a ground-launched missile, the HTV-2 shown on launching pad, have been broken by a mach 10 hypersonic rocket which reached a velocity of nearly 10 times the speed of sound within 10 seconds after launching. The three-stage missile was successfully test-fired last week and flew 6,000 miles an hour, according to Curtiss-Wright Corp., makers of the missile. —(UPI Telephoto)

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